

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship is as stated below next to our names.

We believe we are the original and first inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled THREE-DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE, the specification of which (check one)

___ is attached hereto
X was filed on June 8, 2000
Application Serial No. 09/590,794
and was amended on (or amended through _____
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

This application in part discloses and claims subject matter disclosed in our earlier-filed pending applications, Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>None</u> Number	<u>Country</u>	<u>Day/Month/Year filed</u>	<u>Yes</u>	<u>No</u>

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

09/140,495	August 27, 1998	Pending
09/089,328	June 2, 1998	Pending
<u>Appln. Serial No.</u>	<u>Filing Date</u>	<u>Status</u> (patented, pending abandoned)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title

18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

RICHARD A. BARDIN, Reg. No. 20,365, CRAIG B. BAILEY, Reg. No. 28,786, RICHARD B. CATES, Reg. No. 36,100, I. MORLEY DRUCKER, Reg. No. 19,751; PAUL Y. FENG, Reg. No. 35,510; JOHN K. FITZGERALD, Reg. No. 38,881, JOHN V. HANLEY, Reg. No. 38,171; JAMES JUO, Reg. No. 36,177; GILBERT G. KOVELMAN, Reg. No. 19,552; THOMAS H. MAJCHER, Reg. No. 31,119, JOHN S. NAGY, Reg. No. 30,664, DAVID G. PARKHURST, Reg. No. 29,422, JAMES W. PAUL, Reg. No. 29,967, RONALD E. PEREZ, Reg. No. 36,891; ELLSWORTH R. ROSTON, Reg. No. 16,310; THOMAS A. RUNK, Reg. No. 30,679; DAVID S. SARISKY, Reg. No. 41,288; and HOWARD N. SOMMERS, Reg. No. 24,138.

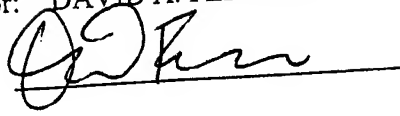
Direct all telephone calls to James W. Paul, Esq., at telephone No. (310) 824-5555.

Address all correspondence to:

James W. Paul, Esq.,
FULWIDER PATTON LEE & UTECHT, LLP
Howard Hughes Center
6060 Center Drive
Tenth Floor
Los Angeles, California 90045

Full name of first inventor: DAVID A. FERRERA

Inventor's signature:



Date: 8-21, 2000

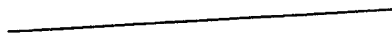
Residence: Manhattan Beach, California

Citizenship: U.S.A.

Post Office Address: 2001 Lynngrove Drive
Manhattan Beach, CA90266

Full name of first inventor: DANIEL KURZ


Inventor's signature:



Date: _____, 2000

Residence: Sunnyvale, California

Citizenship:



Post Office Address: 341 S. Bernard Avenue
Sunnyvale, California

Full name of first inventor: PETER WILSON

Inventor's signature:



Date: _____, 2000

Residence: Foster City, California

Citizenship: U.S.A.

Post Office Address: 1105 Emerald Bay Lane
Foster City, California 94404

Full name of first inventor: CRYSTAL K. SEIN-LWYN

Inventor's signature: _____

Date: _____, 2000

Residence: Hayward, California

Citizenship: U.S.A.

Post Office Address: 1798 Ruus Lane
Hayward, California 94544

Full name of first inventor: LOK A. LEI

Inventor's signature: _____

Date: _____, 2000

Residence: San Jose, California

Citizenship: U.S.A.

Post Office Address: 7086 Coral Gables Circle
San Jose, California 95139

Full name of first inventor: JOSEPH A. HORTON

Inventor's signature: _____

Date: _____, 2000

Residence: Pittsburgh, Pennsylvania

Citizenship: _____

Post Office Address: 6304 Jackson Street
Pittsburgh, PA 15206

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship is as stated below next to our names.

We believe we are the original and first inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled THREE-DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE, the specification of which (check one)

_____ is attached hereto
X was filed on June 8, 2000
Application Serial No. 09/590,794
and was amended on (or amended through _____
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

This application in part discloses and claims subject matter disclosed in our earlier-filed pending applications, Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>None</u> Number	<u>Country</u>	<u>Day/Month/Year filed</u>	<u>Yes</u>	<u>No</u>

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

09/140,495	August 27, 1998	Pending
09/089,328	June 2, 1998	Pending

Appln. Serial No.	Filing Date	Status (patented, pending abandoned)
-------------------	-------------	---

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title

18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

RICHARD A. BARDIN, Reg. No. 20,365, CRAIG B. BAILEY, Reg. No. 28,786, RICHARD B. CATES, Reg. No. 36,100, I. MORLEY DRUCKER, Reg. No. 19,751; PAUL Y. FENG, Reg. No. 35,510; JOHN K. FITZGERALD, Reg. No. 38,881, JOHN V. HANLEY, Reg. No. 38,171; JAMES JUO, Reg. No. 36,177; GILBERT G. KOVELMAN, Reg. No. 19,552; THOMAS H. MAJCHER, Reg. No. 31,119, JOHN S. NAGY, Reg. No. 30,664, DAVID G. PARKHURST, Reg. No. 29,422, JAMES W. PAUL, Reg. No. 29,967, RONALD E. PEREZ, Reg. No. 36,891; ELLSWORTH R. ROSTON, Reg. No. 16,310; THOMAS A. RUNK, Reg. No. 30,679; DAVID S. SARISKY, Reg. No. 41,288; and HOWARD N. SOMMERS, Reg. No. 24,138.

Direct all telephone calls to James W. Paul, Esq., at telephone No. (310) 824-5555.

Address all correspondence to:

James W. Paul, Esq.,
FULWIDER PATTON LEE & UTECHT, LLP
Howard Hughes Center
6060 Center Drive
Tenth Floor
Los Angeles, California 90045

Full name of first inventor: DAVID A. FERRERA

Inventor's signature: _____

Date: _____, 2000

Residence: Manhattan Beach, California

Citizenship: U.S.A.

Post Office Address: 2001 Lynngrove Drive
Manhattan Beach, CA90266

Full name of first inventor: DANIEL KURZ

Inventor's signature: _____

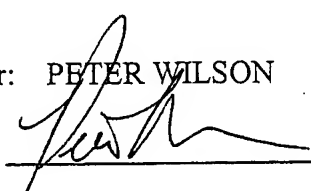
Date: _____, 2000

Residence: Sunnyvale, California

Citizenship: _____

Post Office Address: 341 S. Bernard Avenue
Sunnyvale, California

Full name of first inventor: PETER WILSON

Inventor's signature:  _____

Date: 10/4, 2000

Residence: Foster City, California

Citizenship: U.S.A.

Post Office Address: 1105 Emerald Bay Lane
Foster City, California 94404

Full name of first inventor: CRYSTAL K. SEIN-LWYN

Inventor's signature: _____

Date: _____, 2000

Residence: Hayward, California

Citizenship: U.S.A.

Post Office Address: 1798 Ruus Lane
Hayward, California 94544

Full name of first inventor: LOK A. LEI

Inventor's signature: _____

Date: _____, 2000

Residence: San Jose, California

Citizenship: U.S.A.

Post Office Address: 7086 Coral Gables Circle
San Jose, California 95139

Full name of first inventor: JOSEPH A. HORTON

Inventor's signature: _____

Date: _____, 2000

Residence: Pittsburgh, Pennsylvania

Citizenship: _____

Post Office Address: 6304 Jackson Street
Pittsburgh, PA 15206

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship is as stated below next to our names.

We believe we are the original and first inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled THREE-DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE, the specification of which (check one)

___ is attached hereto
X was filed on June 8, 2000
Application Serial No. 09/590,794
and was amended on (or amended through _____
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

This application in part discloses and claims subject matter disclosed in our earlier-filed pending applications, Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>None</u> Number	<u>Country</u>	<u>Day/Month/Year filed</u>	<u>Yes</u>	<u>No</u>

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

09/140,495	August 27, 1998	Pending
09/089,328	June 2, 1998	Pending
Appln. Serial No.	Filing Date	Status (patented, pending abandoned)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title

18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

RICHARD A. BARDIN, Reg. No. 20,365, CRAIG B. BAILEY, Reg. No. 28,786, RICHARD B. CATES, Reg. No. 36,100, I. MORLEY DRUCKER, Reg. No. 19,751; PAUL Y. FENG, Reg. No. 35,510; JOHN K. FITZGERALD, Reg. No. 38,881, JOHN V. HANLEY, Reg. No. 38,171; JAMES JUO, Reg. No. 36,177; GILBERT G. KOVELMAN, Reg. No. 19,552; THOMAS H. MAJCHER, Reg. No. 31,119, JOHN S. NAGY, Reg. No. 30,664, DAVID G. PARKHURST, Reg. No. 29,422, JAMES W. PAUL, Reg. No. 29,967, RONALD E. PEREZ, Reg. No. 36,891; ELLSWORTH R. ROSTON, Reg. No. 16,310; THOMAS A. RUNK, Reg. No. 30,679; DAVID S. SARISKY, Reg. No. 41,288; and HOWARD N. SOMMERS, Reg. No. 24,138.

Direct all telephone calls to James W. Paul, Esq., at telephone No. (310) 824-5555.

Address all correspondence to:

James W. Paul, Esq.,
FULWIDER PATTON LEE & UTECHT, LLP
Howard Hughes Center
6060 Center Drive
Tenth Floor
Los Angeles, California 90045

Full name of first inventor: DAVID A. FERRERA

Inventor's signature: _____

Date: _____, 2000

Residence: Manhattan Beach, California

Citizenship: U.S.A.

Post Office Address: 2001 Lynngrove Drive
Manhattan Beach, CA90266

Full name of first inventor: DANIEL KURZ

Inventor's signature: _____

Date: _____, 2000

Residence: Sunnyvale, California

Citizenship: _____

Post Office Address: 341 S. Bernard Avenue
Sunnyvale, California

Full name of first inventor: PETER WILSON

Inventor's signature: _____


Date: _____, 2000

Residence: Foster City, California

Citizenship: U.S.A.

Post Office Address: 1105 Emerald Bay Lane
Foster City, California 94404

Full name of first inventor: CRYSTAL K. SEIN-LWYN

Inventor's signature: 

Date: _____, 2000

Residence: Hayward, California

Citizenship: U.S.A.

Post Office Address: 1798 Ruus Lane
Hayward, California 94544

Full name of first inventor: LOK A. LEI

Inventor's signature: _____

Date: _____, 2000

Residence: San Jose, California

Citizenship: U.S.A.

Post Office Address: 7086 Coral Gables Circle
San Jose, California 95139

Full name of first inventor: JOSEPH A. HORTON

Inventor's signature: _____

Date: _____, 2000

Residence: Pittsburgh, Pennsylvania

Citizenship: _____

Post Office Address: 6304 Jackson Street
Pittsburgh, PA 15206

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship is as stated below next to our names.

We believe we are the original and first inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled THREE-DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE, the specification of which (check one)

___ is attached hereto
X was filed on June 8, 2000
Application Serial No. 09/590,794
and was amended on (or amended through _____
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

This application in part discloses and claims subject matter disclosed in our earlier-filed pending applications, Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>None</u> Number	<u>Country</u>	<u>Day/Month/Year filed</u>	<u>Yes</u>	<u>No</u>

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

09/140,495	August 27, 1998	Pending
09/089,328	June 2, 1998	Pending
<u>Appln. Serial No.</u>	<u>Filing Date</u>	<u>Status</u> (patented, pending abandoned)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title

18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

RICHARD A. BARDIN, Reg. No. 20,365, CRAIG B. BAILEY, Reg. No. 28,786, RICHARD B. CATES, Reg. No. 36,100, I. MORLEY DRUCKER, Reg. No. 19,751; PAUL Y. FENG, Reg. No. 35,510; JOHN K. FITZGERALD, Reg. No. 38,881, JOHN V. HANLEY, Reg. No. 38,171; JAMES JUO, Reg. No. 36,177; GILBERT G. KOVELMAN, Reg. No. 19,552; THOMAS H. MAJCHER, Reg. No. 31,119, JOHN S. NAGY, Reg. No. 30,664, DAVID G. PARKHURST, Reg. No. 29,422, JAMES W. PAUL, Reg. No. 29,967, RONALD E. PEREZ, Reg. No. 36,891; ELLSWORTH R. ROSTON, Reg. No. 16,310; THOMAS A. RUNK, Reg. No. 30,679; DAVID S. SARISKY, Reg. No. 41,288; and HOWARD N. SOMMERS, Reg. No. 24,138.

Direct all telephone calls to James W. Paul, Esq., at telephone No. (310) 824-5555.

Address all correspondence to:

James W. Paul, Esq.,
FULWIDER PATTON LEE & UTECHT, LLP
Howard Hughes Center
6060 Center Drive
Tenth Floor
Los Angeles, California 90045

Full name of first inventor: DAVID A. FERRERA

Inventor's signature: _____

Date: _____, 2000

Residence: Manhattan Beach, California

Citizenship: U.S.A.

Post Office Address: 2001 Lynngrove Drive
Manhattan Beach, CA90266

Full name of first inventor: DANIEL KURZ

Inventor's signature: _____

Date: _____, 2000

Residence: Sunnyvale, California

Citizenship: _____

Post Office Address: 341 S. Bernard Avenue
Sunnyvale, California

Full name of first inventor: PETER WILSON

Inventor's signature: _____

Date: _____, 2000

Residence: Foster City, California

Citizenship: U.S.A.

Post Office Address: 1105 Emerald Bay Lane
Foster City, California 94404

Full name of first inventor: CRYSTAL K. SEIN-LWYN

Inventor's signature: _____

Date: _____, 2000

Residence: Hayward, California

Citizenship: U.S.A.

Post Office Address: 1798 Ruus Lane
Hayward, California 94544

Full name of first inventor: LOK A. LEI

Inventor's signature: _____

Date: 8-14, 2000

Residence: San Jose, California

Citizenship: U.S.A.

Post Office Address: 7086 Coral Gables Circle
San Jose, California 95139

Full name of first inventor: JOSEPH A. HORTON

Inventor's signature: _____

Date: _____, 2000

Residence: Pittsburgh, Pennsylvania

Citizenship: _____

Post Office Address: 6304 Jackson Street
Pittsburgh, PA 15206

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship is as stated below next to our names.

We believe we are the original and first inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled THREE-DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE, the specification of which (check one)

___ is attached hereto

X was filed on June 8, 2000

Application Serial No. 09/590,794

and was amended on (or amended through _____
(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

This application in part discloses and claims subject matter disclosed in our earlier-filed pending applications, Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Priority Claimed

<u>None</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Number	Country	Day/Month/Year filed	Yes	No

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

09/140,495	August 27, 1998	Pending
09/089,328	June 2, 1998	Pending

Appln. Serial No.	Filing Date	Status (patented, pending abandoned)
-------------------	-------------	---

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title

18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

RICHARD A. BARDIN, Reg. No. 20,365, CRAIG B. BAILEY, Reg. No. 28,786, RICHARD B. CATES, Reg. No. 36,100, I. MORLEY DRUCKER, Reg. No. 19,751; PAUL Y. FENG, Reg. No. 35,510; JOHN K. FITZGERALD, Reg. No. 38,881, JOHN V. HANLEY, Reg. No. 38,171; JAMES JUO, Reg. No. 36,177; GILBERT G. KOVELMAN, Reg. No. 19,552; THOMAS H. MAJCHER, Reg. No. 31,119, JOHN S. NAGY, Reg. No. 30,664, DAVID G. PARKHURST, Reg. No. 29,422, JAMES W. PAUL, Reg. No. 29,967, RONALD E. PEREZ, Reg. No. 36,891; ELLSWORTH R. ROSTON, Reg. No. 16,310; THOMAS A. RUNK, Reg. No. 30,679; DAVID S. SARISKY, Reg. No. 41,288; and HOWARD N. SOMMERS, Reg. No. 24,138.

Direct all telephone calls to James W. Paul, Esq., at telephone No. (310) 824-5555.

Address all correspondence to:

James W. Paul, Esq.,
FULWIDER PATTON LEE & UTECHT, LLP
Howard Hughes Center
6060 Center Drive
Tenth Floor
Los Angeles, California 90045

Full name of first inventor: DAVID A. FERRERA

Inventor's signature: _____

Date: _____, 2000

Residence: Manhattan Beach, California

Citizenship: U.S.A.

Post Office Address: 2001 Lynngrove Drive
Manhattan Beach, CA90266

Full name of first inventor: DANIEL KURZ

Inventor's signature: _____

Date: _____, 2000

Residence: Sunnyvale, California

Citizenship: _____

Post Office Address: 341 S. Bernard Avenue
Sunnyvale, California

Full name of first inventor: PETER WILSON

Inventor's signature: _____

Date: _____, 2000

Residence: Foster City, California

Citizenship: U.S.A.

Post Office Address: 1105 Emerald Bay Lane
Foster City, California 94404

Full name of first inventor: CRYSTAL K. SEIN-LWYN

Inventor's signature: _____

Date: _____, 2000

Residence: Hayward, California

Citizenship: U.S.A.

Post Office Address: 1798 Ruus Lane
Hayward, California 94544

Full name of first inventor: LOK A. LEI

Inventor's signature: _____

Date: _____, 2000

Residence: San Jose, California

Citizenship: U.S.A.

Post Office Address: 7086 Coral Gables Circle
San Jose, California 95139

Full name of first inventor: JOSEPH A. HORTON

Inventor's signature: 

Date: 5 Sept., 2000

Residence: ~~Pittsburgh, Pennsylvania~~ BIRMINGHAM, AL NA

Citizenship: U.S.

Post Office Address: 6304 Jackson Street 2000 BAWEBERRY DR.
Pittsburgh, PA 15206 HOOVER, AL 35244-
6402 NA



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 23, 2001

FULWIDER PATTON LEE & UTECHT, LLP
JAMES W. PAUL, ESQ.
HOWARD HUGHES CENTER
6060 CENTER DRIVE 10TH FLOOR
LOS ANGELES CA 90045

RECEIVED
BY DOCKET DEPT.

JUL 30 2001

FULWIDER PATTON-LEE & LITECHT
LOS ANGELES

101708336A

MICRU
54769

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/30/2001

REEL/FRAME: 011766/0303
NUMBER OF PAGES: 22

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FERRERA, DAVID A.

DOC DATE: 08/21/2000

ASSIGNOR:

WILSON, PETER

DOC DATE: 10/04/2000

ASSIGNOR:

SEIN-LWYN, CRYSTAL K.

DOC DATE: 12/21/2000

ASSIGNOR:

LEI, LOK A.

DOC DATE: 08/14/2000

ASSIGNOR:

HORTON, JOSEPH A.

DOC DATE: 09/05/2000

ASSIGNEE:

MICRUS CORPORATION
495 CLYDE AVENUE
MOUNTAIN VIEW, CALIFORNIA 94043

011766/0303 PAGE 2

SERIAL NUMBER: 09590794
PATENT NUMBER:

FILING DATE: 06/08/2000
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO 1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

REC

05-09-2001



101708336

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

EET

Docket No. MICRU:54769

Document ID No. 101606671

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

4-30-01
FERRERA, DAVID A.; WILSON, PETER;
SEIN-LWYN, CRYSTAL K.; LEI, LOK A.; AND
HORTON, JOSEPH A.Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: MICRUS CORPORATION

Internal Address:

Street Address: 495 Clyde Avenue

City: Mountain View, State: California Zip: 94043

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 8/14/00; 8/21/00; 9/5/00;

10/04/00 AND 12/21/00

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/590,794

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FULWIDER PATTON LEE & UTECHT, LLP

Internal Address: ATTN: JAMES W. PAUL, ESQ.

Street Address: HOWARD HUGHES CENTER

6060 CENTER DRIVE

10TH FLOOR

City: LOS ANGELES State: CA Zip: 90045

6. Total No. of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed☒ Authorized to be charged to deposit account☒ Any deficiencies in enclosed fees

8. Deposit account number: 06-2425

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James W. Paul, Esq., - Reg. No. 29,967

Name of Person Signing

Signature

April 30, 2001

Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET: 23

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project, (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required verification information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

RECORDED

02-06-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Doc. No. 196004.1

1-30-01



101606671

Docket No. MICRU:54769

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

DAVID A. FERRERA, ET AL.

2. Name and address of receiving party(ies):

Name: MICRUS CORPORATION

Internal Address:

RECEIVED

JAN 31 2001

Street Address: 495 Clyde Avenue

OFFICE OF PETITIONS

City: Mountain View, State: California Zip: 94043

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 8/14/00; 8/21/00; 9/5/00;
10/04/00 AND 12/21/00

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 09/590,794

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FULWIDER PATTON LEE & UTECHT, LLP

Internal Address: ATTN: JAMES W. PAUL, ESQ.

Street Address: HOWARD HUGHES CENTER
6060 CENTER DRIVE
10TH FLOOR

City: LOS ANGELES State: CA Zip: 90045

6. Total No. of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00 E
☒ Enclosed
☒ Authorized to be charged to deposit account
☒ Any deficiencies in enclosed fees

8. Deposit account number: 06-2425
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James W. Paul, Esq., - Reg. No. 29,967

Name of Person Signing

Signature

January 26, 2001

Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET: 21

ASSIGNMENT

This Assignment is made by DAVID A. FERRERA of Manhattan Beach, California, DANIEL KURZ of Sunnyvale, California, PETER WILSON of Foster City, California, CRYSTAL K. SEIN-LWYN of Hayward, California, LOK A. LEI of San Jose, California, and JOSEPH A. HORTON of Pittsburgh, Pennsylvania, Assignors, to MICRUS CORPORATION, a Delaware corporation, Assignee, having a place of business at 495 Clyde Avenue Mountain View, California 94043.

WHEREAS, Assignors have invented a new and useful **THREE DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE**, for which an application for United States Letters Patent was filed on June 8, 2000 under Serial No. 09/590,794; said application being a continuation-in-part of U.S. Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

WHEREAS, Assignors believe themselves to be the original and first inventors of the invention disclosed and claimed in said continuation-in-part application for Letters Patent Serial No. 09/590,794; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby

Serial No. 09/590,794

acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrants that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said continuation-in-part application Serial No. 09/590,794 or on any subsequently-filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

/

/

Serial No. 09/590,794

RECEIVED

JAN 31 2001

OFFICE OF PETITIONS

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates
written hereinbelow.

Assignors:

Date: 8-21, 2000



David A. Ferrera

Date: _____, 2000

Daniel Kurz

Date: _____, 2000

Peter Wilson

Date: _____, 2000

Crystal K. Sein-Lwyn

Date: _____, 2000

Lok A. Lei

Date: _____, 2000

Joseph A. Horton

Serial No. 09/590,794



RECEIVED

JAN 31 2001

OFFICE OF PETITIONS

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Orange

On 8/21/00 before me, Sue Lyons, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared David Ferrera

☐ personally known to me -OR- ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument is the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Sue Lyons
SIGNATURE OF NOTARY

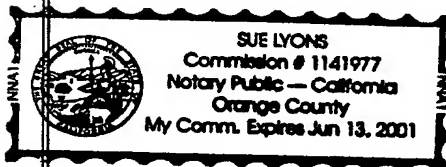
OPTIONAL SECTION
CAPACITY CLAIMED BY SIGNER

Though statute does not require the Notary to fill in the date below, doing so may prove invaluable to persons relying on the document.

☒ INDIVIDUAL
☐ CORPORATE OFFICER(S)

TITLE(S)
☐ PARTNER(S) ☐ LIMITED
☐ GENERAL
☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)



THIS CERTIFICATE MUST BE ATTACHED TO
THE DOCUMENT DESCRIBED AT RIGHT:

Though the date requested is not required by law,
it could prevent fraudulent reattachment of this form.

OPTIONAL SECTION
TITLE OR TYPE OF DOCUMENT Assignment
NUMBER OF PAGES 3 DATE OF DOCUMENT 8-21-00
SIGNER(S) OTHER THAN NAMED ABOVE

ASSIGNMENT

This Assignment is made by DAVID A. FERRERA of Manhattan Beach, California, DANIEL KURZ of Sunnyvale, California, PETER WILSON of Foster City, California, CRYSTAL K. SEIN-LWYN of Hayward, California, LOK A. LEI of San Jose, California, and JOSEPH A. HORTON of Pittsburgh, Pennsylvania, Assignors, to MICRUS CORPORATION, a Delaware corporation, Assignee, having a place of business at 495 Clyde Avenue Mountain View, California 94043.

WHEREAS, Assignors have invented a new and useful **THREE DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE**, for which an application for United States Letters Patent was filed on June 8, 2000 under Serial No. 09/590,794; said application being a continuation-in-part of U.S. Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

WHEREAS, Assignors believe themselves to be the original and first inventors of the invention disclosed and claimed in said continuation-in-part application for Letters Patent Serial No. 09/590,794; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby

Serial No. 09/590,794

acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrants that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said continuation-in-part application Serial No. 09/590,794 or on any subsequently-filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

/

/

Serial No. 09/590,794

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates
written hereinbelow.

Assignors:

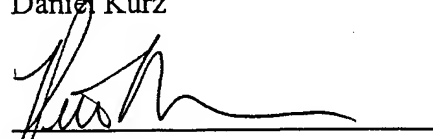
Date: _____, 2000

David A. Ferrera

Date: _____, 2000

Daniel Kurz

Date: 10/4_____, 2000



Peter Wilson

Date: _____, 2000

Crystal K. Sein-Lwyn

Date: _____, 2000

Lok A. Lei

Date: _____, 2000

Joseph A. Horton

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Santa Clara

SS.

On

10/4/00

Date

before me,

Romen Rey, Notary

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

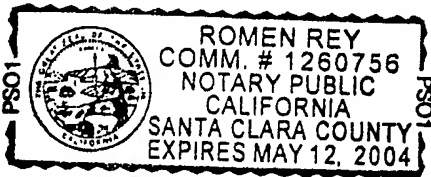
personally appeared

Peter Wilson

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Romen Rey

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Assignment

Document Date:

10/4/00

Number of Pages:

4

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer

Signer's Name:

☒ Individual

☐ Corporate Officer — Title(s):

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other:

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

ASSIGNMENT

This Assignment is made by DAVID A. FERRERA of Manhattan Beach, California, DANIEL KURZ of Sunnyvale, California, PETER WILSON of Foster City, California, CRYSTAL K. SEIN-LWYN of Hayward, California, LOK A. LEI of San Jose, California, and JOSEPH A. HORTON of Pittsburgh, Pennsylvania, Assignors, to MICRUS CORPORATION, a Delaware corporation, Assignee, having a place of business at 495 Clyde Avenue Mountain View, California 94043.

WHEREAS, Assignors have invented a new and useful **THREE DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE**, for which an application for United States Letters Patent was filed on June 8, 2000 under Serial No. 09/590,794; said application being a continuation-in-part of U.S. Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

WHEREAS, Assignors believe themselves to be the original and first inventors of the invention disclosed and claimed in said continuation-in-part application for Letters Patent Serial No. 09/590,794; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby

Serial No. 09/590,794

acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrants that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said continuation-in-part application Serial No. 09/590,794 or on any subsequently-filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

/

/

Serial No. 09/590,794

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates
written hereinbelow.

Assignors:

Date: _____, 2000

David A. Ferrera

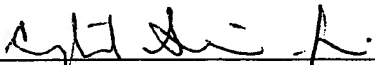
Date: _____, 2000

Daniel Kurz

Date: _____, 2000

Peter Wilson

Date: 12/21/00, 2000


Crystal K. Sein-Lwyn

Date: _____, 2000

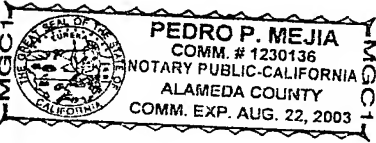
Lok A. Lei

Date: _____, 2000

Joseph A. Horton

178242.1

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

<p>State of <u>CALIFORNIA</u></p> <p>County of <u>ALAMEDA</u></p> <p>On <u>12-21-00</u> before me, <u>PEDRO P. MEJIA - NOTARY PUBLIC</u></p> <p>DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"</p> <p>personally appeared <u>CRYSTAL SEIDLWIN</u></p> <p><input type="checkbox"/> personally known to me -OR- <input checked="" type="checkbox"/> proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument is the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.</p> <p></p> <p>WITNESS my hand and official seal.</p> <p><u>Pedro P. Mejia</u> SIGNATURE OF NOTARY</p>		<p>OPTIONAL SECTION</p> <p>CAPACITY CLAIMED BY SIGNER</p> <p>Though statute does not require the Notary to fill in the date below, doing so may prove invaluable to persons relying on the document.</p> <p><input type="checkbox"/> INDIVIDUAL</p> <p><input type="checkbox"/> CORPORATE OFFICER(S)</p> <p>TITLE(S)</p> <p><input type="checkbox"/> PARTNER(S) <input type="checkbox"/> LIMITED <input type="checkbox"/> GENERAL</p> <p><input type="checkbox"/> ATTORNEY-IN-FACT</p> <p><input type="checkbox"/> TRUSTEE(S)</p> <p><input type="checkbox"/> GUARDIAN/CONSERVATOR</p> <p><input checked="" type="checkbox"/> OTHER <u>ASSIGNMENT</u></p> <p>SIGNER IS REPRESENTING:</p> <p>NAME OF PERSON(S) OR ENTITY(IES)</p> <p>_____</p> <p>_____</p>
<p>OPTIONAL SECTION</p> <p>THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:</p> <p>Though the data requested is not required by law, it could prevent fraudulent reattachment of this form.</p> <p>TITLE OR TYPE OF DOCUMENT _____</p> <p>NUMBER OF PAGES _____ DATE OF DOCUMENT _____</p> <p>SIGNER(S) OTHER THAN NAMED ABOVE _____</p>		

ASSIGNMENT

This Assignment is made by DAVID A. FERRERA of Manhattan Beach, California, DANIEL KURZ of Sunnyvale, California, PETER WILSON of Foster City, California, CRYSTAL K. SEIN-LWYN of Hayward, California, LOK A. LEI of San Jose, California, and JOSEPH A. HORTON of Pittsburgh, Pennsylvania, Assignors, to MICRUS CORPORATION, a Delaware corporation, Assignee, having a place of business at 495 Clyde Avenue Mountain View, California 94043.

WHEREAS, Assignors have invented a new and useful **THREE DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE**, for which an application for United States Letters Patent was filed on June 8, 2000 under Serial No. 09/590,794; said application being a continuation-in-part of U.S. Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

WHEREAS, Assignors believe themselves to be the original and first inventors of the invention disclosed and claimed in said continuation-in-part application for Letters Patent Serial No. 09/590,794; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby

Serial No. 09/590,794

acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrants that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said continuation-in-part application Serial No. 09/590,794 or on any subsequently-filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

/

/

Serial No. 09/590,794

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates
written hereinbelow.

Assignors:

Date: _____, 2000

David A. Ferrera

Date: _____, 2000

Daniel Kurz

Date: _____, 2000

Peter Wilson

Date: _____, 2000

Crystal K. Sein-Lwyn

Date: 8-14, 2000



Lok A. Lei

Date: _____, 2000

Joseph A. Horton

Serial No. 09/590,794



RECEIVED

JAN 31 2001

OFFICE OF PETITIONS

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Orange

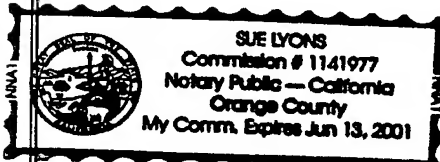
On 8/14/00 before me, Sue Lyons, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Lok Lei

☐ personally known to me -OR- ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument is the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Sue Lyons
SIGNATURE OF NOTARY



OPTIONAL SECTION
CAPACITY CLAIMED BY SIGNER

Though statute does not require the Notary to fill in the date below, doing so may prove invaluable to persons relying on the document.

☒ INDIVIDUAL
☐ CORPORATE OFFICER(S)

TITLE(S)
☐ PARTNER(S) ☐ LIMITED
☐ GENERAL
☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER _____

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

THIS CERTIFICATE MUST BE ATTACHED TO
THE DOCUMENT DESCRIBED AT RIGHT:

Though the data requested is not required by law,
it could prevent fraudulent reattachment of this form.

OPTIONAL SECTION
TITLE OR TYPE OF DOCUMENT Assignment

NUMBER OF PAGES 3 DATE OF DOCUMENT 8/14/00

SIGNER(S) OTHER THAN NAMED ABOVE N/A

ASSIGNMENT

This Assignment is made by DAVID A. FERRERA of Manhattan Beach, California, DANIEL KURZ of Sunnyvale, California, PETER WILSON of Foster City, California, CRYSTAL K. SEIN-LWYN of Hayward, California, LOK A. LEI of San Jose, California, and JOSEPH A. HORTON of Pittsburgh, Pennsylvania, Assignors, to MICRUS CORPORATION, a Delaware corporation, Assignee, having a place of business at 495 Clyde Avenue Mountain View, California 94043.

WHEREAS, Assignors have invented a new and useful **THREE DIMENSIONAL, LOW FRICTION VASOOCCLUSIVE COIL, AND METHOD OF MANUFACTURE**, for which an application for United States Letters Patent was filed on June 8, 2000 under Serial No. 09/590,794; said application being a continuation-in-part of U.S. Serial No. 09/140,495, filed August 27, 1998 and Serial No. 09/089,328, filed June 2, 1998.

WHEREAS, Assignors believe themselves to be the original and first inventors of the invention disclosed and claimed in said continuation-in-part application for Letters Patent Serial No. 09/590,794; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby

Serial No. 09/590,794

acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said continuation-in-part application Serial No. 09/590,794 and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrants that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said continuation-in-part application Serial No. 09/590,794 or on any subsequently-filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

/

/

Serial No. 09/590,794

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates
written hereinbelow.

Assignors:

Date: _____, 2000

David A. Ferrera

Date: _____, 2000

Daniel Kurz

Date: _____, 2000

Peter Wilson

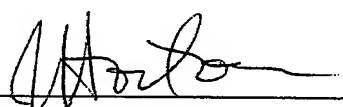
Date: _____, 2000

Crystal K. Sein-Lwyn

Date: _____, 2000

Lok A. Lei

Date: 9/5, 2000



Joseph A. Horton

178242.1

Serial No. 09/590,794

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of Alabama

County of Jefferson

On 9-5-00 before me, Kim M. Woodward, Notary Public.
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Joseph A. Horton

☒ personally known to me -OR- ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument is the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Kim M. Woodward
SIGNATURE OF NOTARY
NOTARY PUBLIC, STATE OF ALABAMA AT LARGE
MY COMMISSION EXPIRES: Nov 18, 2003
BONDED THRU NOTARY PUBLIC UNDERWRITERS

OPTIONAL SECTION
CAPACITY CLAIMED BY SIGNER

Though statute does not require the Notary to fill in the date below, doing so may prove invaluable to persons relying on the document.

☐ INDIVIDUAL
☐ CORPORATE OFFICER(S)

TITLE(S)
☐ PARTNER(S) ☐ LIMITED
☐ GENERAL

☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER _____

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

THIS CERTIFICATE MUST BE ATTACHED TO
THE DOCUMENT DESCRIBED AT RIGHT:

Though the date requested is not required by law,
it could prevent fraudulent reattachment of this form.

OPTIONAL SECTION
TITLE OR TYPE OF DOCUMENT _____

NUMBER OF PAGES _____ DATE OF DOCUMENT _____

SIGNER(S) OTHER THAN NAMED ABOVE _____